

Converting Colors

YUV(166.7410, 6.0437,
-25.2059)

Have a look what the booklet for
YUV(166.7410, 6.0437, -25.2059)
contains.

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Color

**YUV(166.7410, 6.0437,
-25.2059)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB3B3
RGB	138, 179, 179
RGB Percent	54%, 70%, 70%
CMY	0.4588, 0.2980, 0.2980
CMYK	0.23, 0.00, 0.00, 0.30
HSL	180°, 21%, 62%
HSV	180°, 23%, 70%
XYZ	34.7380, 40.8981, 48.7111
YIQ	166.7410, -24.4360, -8.6920

Conversions

Conversions Part 2

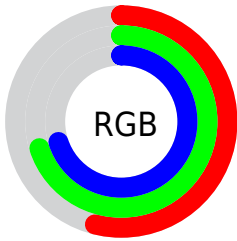
Format	Color
RYB	138, 159, 179
Decimal	9089971
CIELab	70.10, -13.65, -4.51
CIELCh	70, 14.379, 198.266
Yxy	40.8981, 0.2794, 0.3289
Android (android.graphics.Color)	4287280051 (0xFF8AB3B3)
YUV	166.7410, 6.0437, -25.2059
Hunter-Lab	63.9517, -14.9557, -0.3942

Details

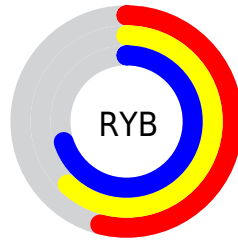
The YUV color **166.7410, 6.0437, -25.2059** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **150.2590, -6.0437, 25.2059**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1430, 6.3385, -26.4354**, and **114.3390, 5.7489, -23.9763** is the 20% darker color. If you saturate the color by 10%, you get **161.3590, 8.6970, -36.2718**, and if you desaturate by 10%, it is **172.1230, 3.3904, -14.1399**.

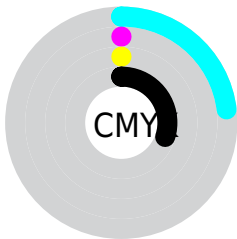
Distribution



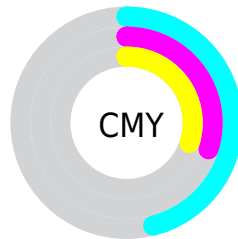
- Red (54%)
- Green (70%)
- Blue (70%)



- Red (54%)
- Yellow (62%)
- Blue (70%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (46%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7410, 6.0437, -25.2059 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 166.7410, 6.0437, -25.2059 by changing the saturation by 10% instead.

■ 166.7410, 6.0437,
-25.2059

■ 166.7410, 6.0437,
-25.2059

■ 255.0000, 0.0000,
0.0000

■ 140.0400, 5.8963,
-24.5911

■ 222.1430, 6.3385,
-26.4354

■ 114.3390, 5.7489,
-23.9763

■ 244.5350, 5.1592,
-21.5172

■ 89.3390, 5.7489,
-23.9763

■ 253.2060, 0.8844,
-3.6887

■ 65.3390, 5.7489,
-23.9763

■ 41.8550, 6.4805,
-25.3058

■ 23.1330, 4.8644,
-20.2876

■ 1.8410, 4.5154,

-1.6146

■ 0.0000, 0.0000,
0.0000

■ 166.7410, 6.0437,
-25.2059

■ 166.7410, 6.0437,
-25.2059

■ 161.3590, 8.6970,
-36.2718

■ 172.1230, 3.3904,
-14.1399

■ 155.9770, 11.3503,
-47.3378

■ 177.5050, 0.7370,
-3.0739

■ 150.5950, 14.0037,
-58.4038

■ 182.8870, -1.9163,
7.9921

■ 145.2130, 16.6570,
-69.4698

■ 188.2690, -4.5696,
19.0581

■ 140.1300, 19.1629,
-79.9210

■ 193.3520, -7.0755,
29.5093

■ 134.7480, 21.8162,
-90.9870

■ 198.7340, -9.7289,
40.5753

■ 129.3660, 24.4696,
-102.0530

■ 201.7240,
-11.2029, 46.7231

■ 125.4790, 26.3859,
-110.0451

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.3520, -0.6665, -19.6027



166.7410, 6.0437, -25.2059



167.4190, 11.1324, -24.0465

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



166.7410, 6.0437, -25.2059



173.7050, 7.5404, 8.1517



171.7600, -12.6997, 13.3655

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



166.7410, 6.0437, -25.2059



150.2590, -6.0437, 25.2059

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



172.7870, -10.2480, 20.3578



166.7410, 6.0437, -25.2059



174.1640, 1.3981, 18.2732

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.7410, 6.0437, -25.2059



172.0670, 11.7990, -4.4438



173.8780, -4.8699, 22.0320



170.0360, -11.3567, 2.5994

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.7410, 6.0437, -25.2059



168.9080, 12.8634, -19.2133



173.8780, -4.8699, 22.0320



171.8960, -12.2737, 16.7542

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



166.7410, 6.0437, -25.2059



227.2160, 2.3585, -9.8364



162.0670, -11.8650, -21.1068



114.3090, 1.3267, -5.5330



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.7410, 6.0437, -25.2059



213.1630, 9.2866, -38.7310



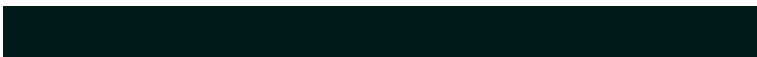
154.4140, 12.1209, -14.3951



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



154.9330, 11.8650, 21.1068



195.0190, 18.2316, 32.4323



161.9990, -11.8315, 14.9099



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 166.7410, 6.0437, -25.2059 looks on a white background.

Color Contrast Check

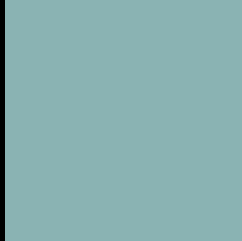
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.7410, 6.0437, -25.2059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

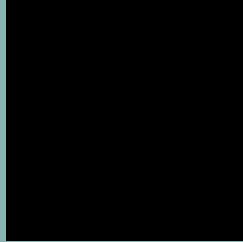
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

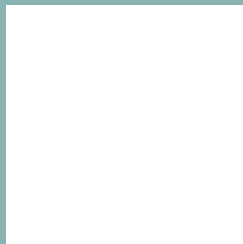
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 166.7410, 6.0437, -25.2059

Background



This preview shows how black text looks on a background with the YUV color 166.7410, 6.0437, -25.2059.



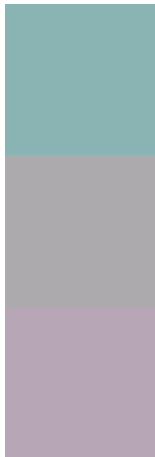
This preview shows how white text looks on a background with the YUV color 166.7410, 6.0437, -25.2059.

-25.2059.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

166.7410, 6.0437, -25.2059

Protanopia

171.3530, 1.3050, 1.4444

Deuteranopia

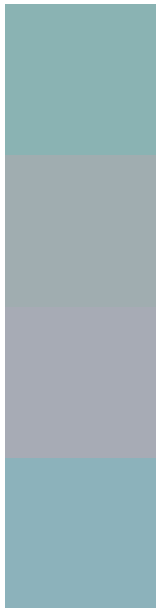
172.9070, 4.4828, 8.8516



Tritanopia

167.8320, 11.4218, -23.5317

Trichromacy



Original Color

166.7410, 6.0437, -25.2059

Protanomaly

169.4550, 3.2267, -8.2920

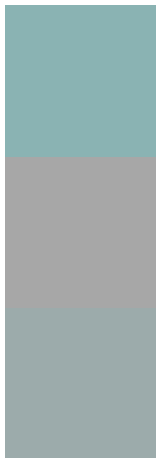
Deuteranomaly

170.9440, 4.9576, -3.4589

Tritanomaly

167.6640, 9.5326, -24.2613

Monochromacy



Original Color

166.7410, 6.0437, -25.2059

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.5150, 2.2111, -9.2217

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7410, 6.0437, -25.2059 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 179, 179)` looks like.

```
.text, #text, p{  
    color:rgb(138, 179, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 179, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 179, 179) }
```

Border

The CSS property to change the border of an element to YUV 166.7410, 6.0437, -25.2059 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 179, 179) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 179, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 179, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 179, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 179, 179);  
box-shadow:4px 4px 4px 4px rgb(138, 179,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 166.7410, 6.0437, -25.2059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 179, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
179, 179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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